

Gr2281 YRQOLCHLSINHMWTFQMIITSLNLYVLLQF  
 Gr59D3 LQWSCGLFQANRSMNEAMISSVLYLVLVLLQF  
 Gr58A1 STYKVCGLFIFNKQESLAFYVVLVQVVLVQF  
 Gr59D2 HEFYVMGLFKNERERDIAMLSVITETHVLVQF  
 Gr9371 LEIKVLOFFHLNNEFILLILSALHYLFIILQF  
 Gr21D1 PIMNLDQYANINRELITNTSPMAYLVLVLLQF  
 Gr6371 STINCQFFDVNRTLEKELLTHVYVGLVLLQF  
 Gr39D1 LAINAEGFMSTDNLSLNSILAAKVYGLVLMQF  
 Gr28A3 INFTAGLFTNIDRTLYFTISSALATYLLVLLQF  
 Gr2B1 LHFSAAGFFNYDCTLLNTIVGATTNLLVLLQF  
 Gr43C1 ADPSACGLCRVNRITLSPASAIATNGLVLLQF  
 Gr39D2b FMTCAASFMNHRVTIQV-CEKATFYVVLVLLQF  
 Gr64A2 VALTGMKFFHETRKVLVSVAGTIVYGLVLLQF  
 Gr5A1 VALTGLKFFHETRKVLVSVAGTIVYGLVLLQF  
 Or83b NSISGAKFFTYSLDLPASVLAVVYVYVVLVLLQF  
 Or85f VELNANGLYLSISLDTKOLMSVSVRVITHNEM  
 Or22a ITLTAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or22b IILTAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or42b IVFTAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or59b IIFTAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or59c IOFTAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or98a IAFTAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or85a ILFTAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or7a ITLTAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Gr8D1 IRIDCLGLTIEDCSLLHMACSVVYVYVVLVLLQF  
 Gr33C1 QPFGVGLTALDYTFIFSEVSAATSVGLVLLQF  
 Gr66C1 VDFSGAGFFTDMEYLVGSVGVYVYVVLVLLQF  
 Gr10B1 -PPMLCHLHEDRRVLLAVTAFSTVYVLLQF  
 Gr94E1 YQIKPLGLYELDMRLISNVFSAVAFHLLVLLQF  
 Gr57B1 IQFTSGLDVLSKRVIGLFTSILVYVLLVLLQF  
 Gr59E2 QPLEAGGVFFEDERSLQGFISVMAIVVLLQF  
 Or47a FRIT-YYFFKANMAFSTVRSVAVYVLLQF  
 Or9a COMK-YYFFKANMAFSTVRSVAVYVLLQF  
 Or56a NKMR-ALLVDLNERTEYDIQRVAVYVLLQF  
 Or45a AKIF-FFMFVVDLPLLWVIRTASVLLQF  
 Or30a LASLVGGTYVPHNKLQSLNATYVLLQF  
 Or43a MEIRVGVVYVPHNKLQSLNATYVLLQF  
 Or49b AAILGNIRPITLLEFONLNTYVLLQF  
 Or23a QLLLAGNLYVPHNKLQSLNATYVLLQF  
 Or2a SLIYAGNYIALSLTFFQVVRVYVLLQF  
 Or33a VNIKAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or33b VOIKAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or33c WIKAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or59a STAVAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or94a VTIRAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or94b VKVRAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or71a VTLKAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or10a VS-MAVPPFSPSLAFATLQTSSTIALVLLQF  
 Or47b LMYVAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or74a FFITGLAYFRVSTAVLKTQVAVYVLLQF  
 Or88a QQLGAFGLIQVNVHREZELQVAVYVLLQF  
 Or85e VHVTAAGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or83c ENIQILAVMSLSVRTAQVVKLYVYVLLQF  
 Gr47A1 KRVVLLNVYTFDRKLYLTLAKSTLAVYVLLQF  
 Gr59E1 ROHVVGGVFFISMQTNLAVKLAFTVNVVLLQF  
 Or1a -TVLHAYFFELKRELL--VVVSTFLAVYVLLQF

Figure 1

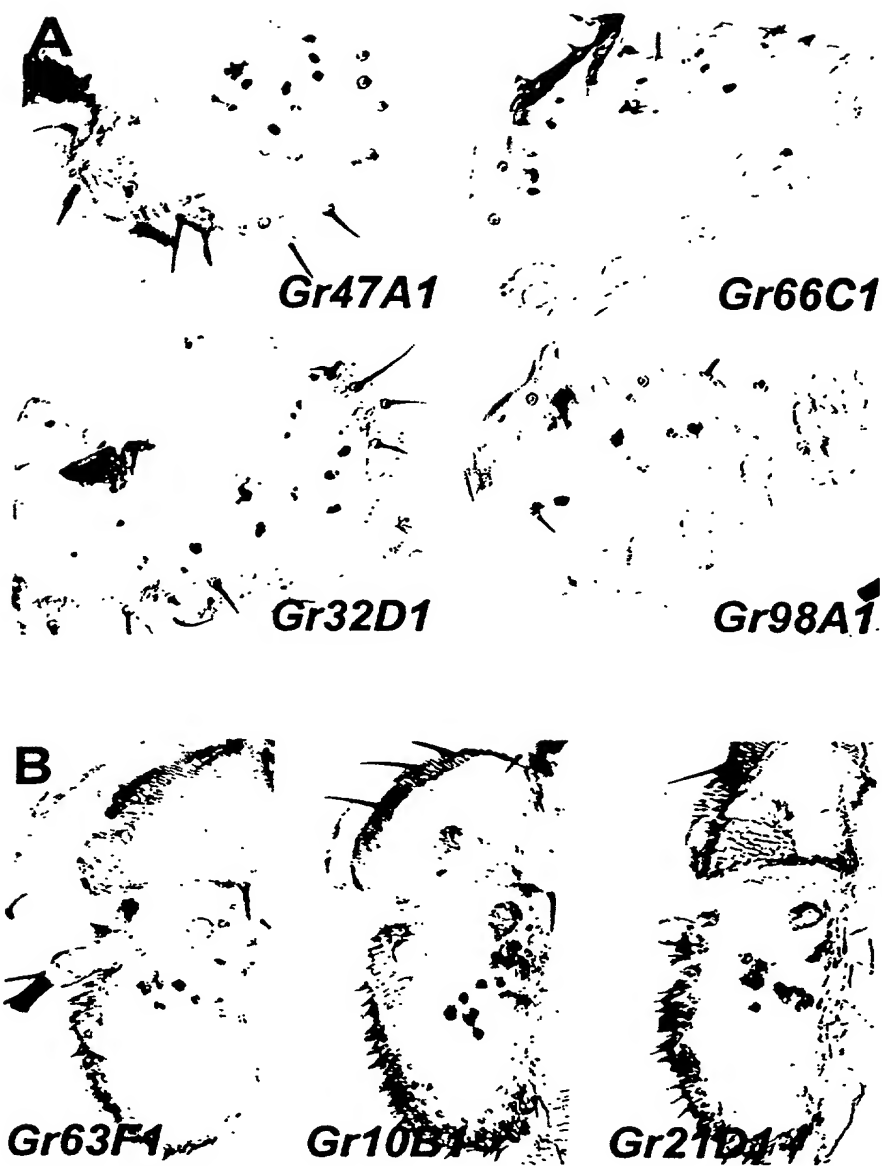
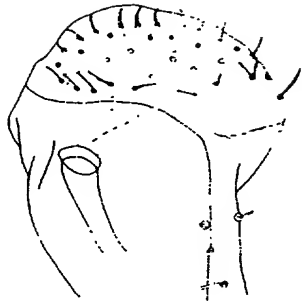


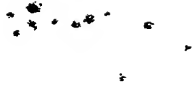
Figure 2

20220916.0220



Gr66C

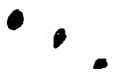
Gr47A1



Gr22B1

Gr28A

Gr32D1



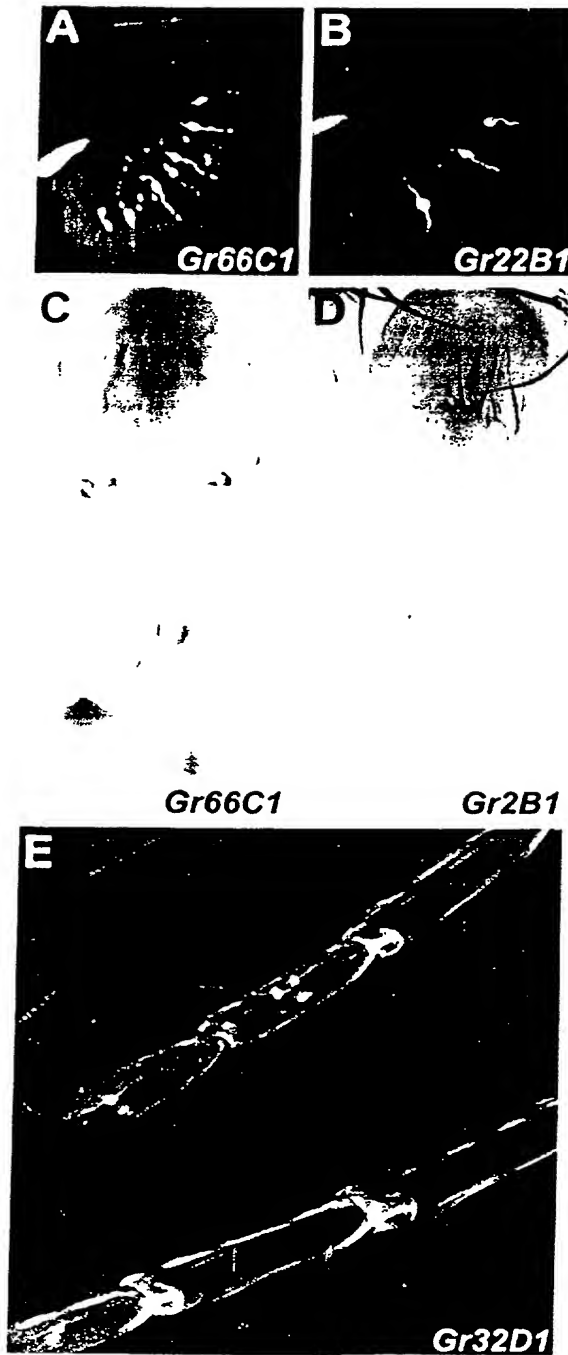


Figure 4

20220916.02202

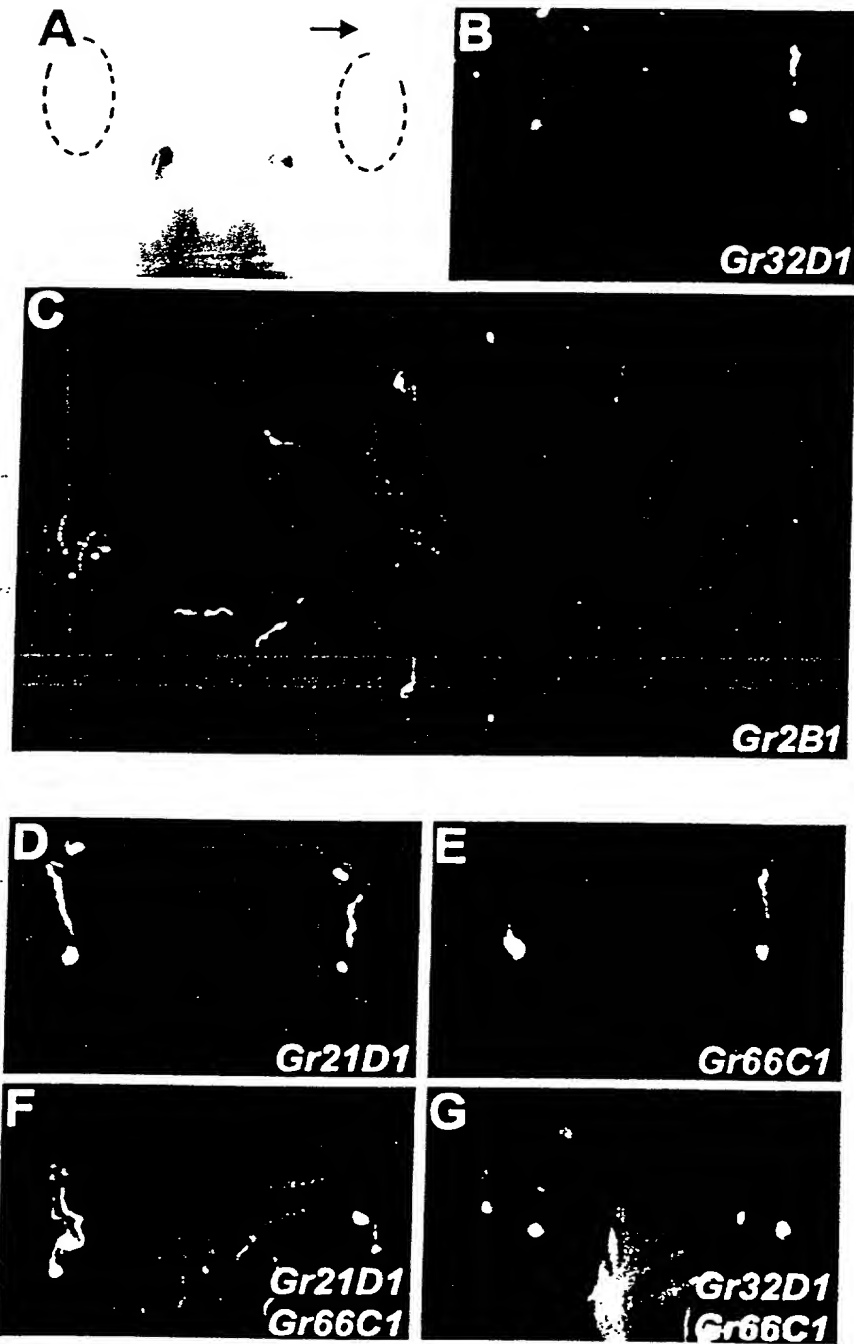


Figure 5

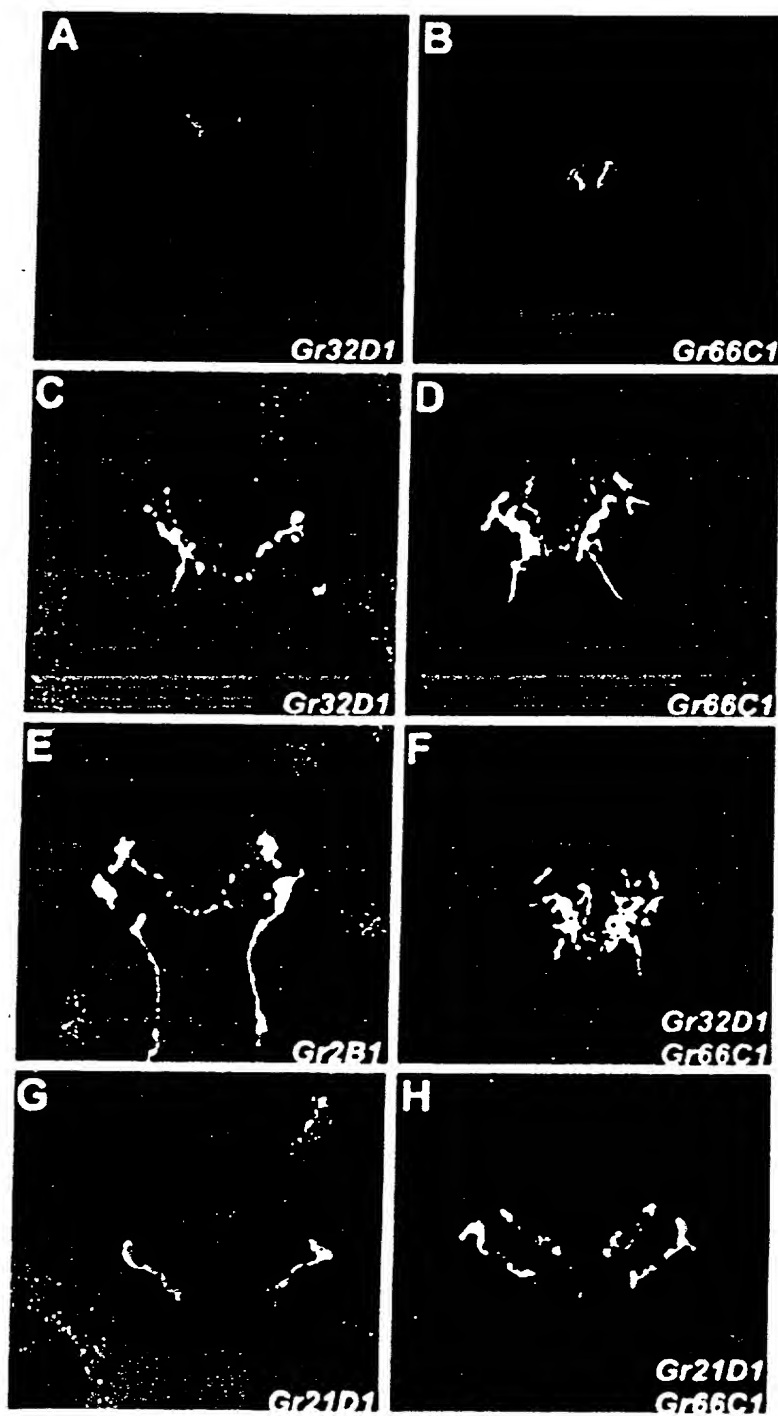


Figure 6

*Gr21D1-GAL4*

**A**



*x UAS-LacZ*

**B**



*x UAS-GFP*

**C**



*x UAS-nSyb-GFP*

Figure 7